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Form Approved OMB No. 2070-0060

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Date: October 05, 2020 Product: Applicant's/Registrant's Name & Address: Bayer CropScience LP, 801 Pennsylvania Ave, NW – Suite 745, Washington, D.C. 20004 Product: XtendiMax With VaporGrip Technology (M1768 Herbicide)

Ingredient Dicamba Guideline Reference MRID Date **Guideline Study Name** Number Number Submitter Status Submitted Series 830 Product Chemistry Data - End Use Product (524-617) 49195401 Monsanto OWN 9/3/2013 Product Chemistry Data to Support the Registration of MON 50250901 Series 830 Monsanto OWN 6/1/2017 11900 as a Technical Grade Herbicide (524-646) Analysis of Group A Impurities to Support the Registration of Series 830 50250902 Monsanto OWN 6/1/2017 MON 11900 as a Technical Grade Herbicide (524-646) Analysis of Group B Impurities to Support the Registration of Series 830 50250903 NWO Monsanto 6/1/2017 MON 11900 as a Technical Grade Herbicide (524-646) 50250904 OWN 6/1/2017 Series 830 Impurities in MON 11900 Wet Cake (524-646) Monsanto Product Identity and Composition, Description of Materials 830.1550, 830.1600, Used to Product the Product. Description of the Production OWN 49895601 Monsanto 4/27/2016 830.1620, 830.1670 Process, and Discussion of Formation of Impurities (524-634)

Signature	Name and Title	Date
Short Cl	Steven T. Callen	10/05/2020
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U.S. Environmental Protection Agency, 401 M Street, S.W., Washington, DC 20460. Do not send the form to this address. **DATA MATRIX** EPA Reg. No./File Symbol: Date: October 05, 2020 264-RERN Product: XtendiMax With VaporGrip Applicant's/Registrant's Name & Address: Bayer CropScience LP, 801 Pennsylvania Ave, NW - Suite 745, Washington, D.C. 20004 Technology (M1768 Herbicide) Ingredient Dicamba Guideline Reference MRID Date Number **Guideline Study Name** Number Submitter Status Submitted Preliminary Analysis and Enforcement Analytical Method (524-830.1700, 830.1800 49895602 Monsanto NWO 4/27/2016 634) 830.6302, 830.6303, 830.6304, 830.6314, 830.6315, 830.6316, Product Chemistry Data to Support the Registration of MON 50290401 Monsanto OWN 6/29/2017 830.6317, 830.6320, 119144 (Source A) as an End-Use Herbicide (524-AUT) 830.7000, 830.7100, 830.7300 830.6302, 830.6303, 830.6304.830.6314. 830.6315, 830.6316, Product Chemistry Data to Support the Registration of MON 50290601 OWN Monsanto 6/29/2017 830.6317, 830.6320, 100306 as an End-Use Herbicide (524-AUO) 830.7000, 830.7100, 830.7300 830.6302, 830.6303, Color, Physical State, and Odor (524-634) 49895605 Monsanto OWN 4/27/2016 830.6304 Stability to Normal and Elevated Temperatures, Metals, and 830.6313 49895606 Monsanto OWN 4/27/2016 Metal lons (524-634) Name and Title Signature Date Short CAL Steven T. Callen 10/05/2020 Federal Regulatory Manager

Page 3 of 50 Agency Internal Use Copy

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DATA MATRIX Date: October 05, 2020 EPA Reg. No./File Symbol: 264-RERN Applicant's/Registrant's Name & Address: Bayer CropScience LP, 801 Pennsylvania Ave, NW – Suite 745, Washington, D.C. 20004 Product: XtendiMax With VaporGrip Technology (M1768 Herbicide)

Ingredient Dicamba Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Date Submitted
830.6313	Amendment 01: Stability to Normal and Elevated Temperatures, Metals, and Metal Ions (524-634)	49895607	Monsanto	OWN	4/27/2016
830.6317, 830.6320	Storage Stability and Corrosion Characteristics (524-634)	49895608	Monsanto	OWN	4/27/2016
830.6317, 830.6320	Amendment 01: Storage Stability and Corrosion Characteristics (524-634)	49895609	Monsanto	OWN	4/27/2016
830.7050	UV/Visible Absorption (524-634)	49895611	Monsanto	OWN	4/27/2016
830.7200	Melting Point/Melting Range (524-634)	49895612	Monsanto	OWN	4/27/2016
830.7200	Amendment 01: Melting Point/Melting Range (524-634)	49895613	Monsanto	OWN	4/27/2016

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DATA MATRIX Date: October 05, 2020 EPA Reg. No./File Symbol: 264-RERN Applicant's/Registrant's Name & Address: XtendiMax With VaporGrip Technology (M1768 Herbicide) Ingredient Dicamba

Ingredient Dicamba					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Date Submitted
830.7370	Dissociation Constants in Water (524-634)	49895615	Monsanto	OWN	4/27/2016
830.7370	Dicamba: Determination of Rate of Dissociation (524-AUT)	50290412	Monsanto	OWN	6/29/2017
830.7550	Partition Coefficient (n-octanol/water), Shake Flask Method (524-634)	49895616	Monsanto	OWN	4/27/2016
830.7550	Amendment 01: Partition Coefficient (n-octanol/water), Shake Flask Method (524-634)	49895617	Monsanto	OWN	4/27/2016
830.7840	Water Solubility: Column Elution Method; Shake Flask Method	49895618	Monsanto	OWN	4/27/2016
830.7840	Amendment 01: Water Solubility: Column Elution Method; Shake Flask Method (524-634)	49895619	Monsanto	OWN	4/27/2016

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Page 5 of 50 Agency Internal Use Copy

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DATA MATRIX Date: October 05, 2020 EPA Reg. No./File Symbol: 264-RERN Applicant's/Registrant's Name & Address: Bayer CropScience LP, 801 Pennsylvania Ave, NW – Suite 745, Washington, D.C. 20004 Product: XtendiMax With VaporGrip Technology (M1768 Herbicide)

Ingredient Dicamba					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Date Submitted
830.7950	Vapor Pressure (524-634)	49895620	Monsanto	OWN	4/27/2016
830.7950	Amendment 01: Vapor Pressure (524-634)	49895621	Monsanto	OWN	4/27/2016
NA	Purity of Dicamba TC and Analytical Validation for content of active ingredient Dicamba (524-634)	49895603	Monsanto	OWN	4/27/2016
NA	Amendment 01: Purity of Dicamba TC and Analytical Validation for content of active ingredient Dicamba (524-634)	49895604	Monsanto	OWN	4/27/2016
NA	Determination of the pH value of an aqueous solution of DICAMBA TC (524-634)	49895610	Monsanto	OWN	4/27/2016
NA	Determination of the bulk density of DICAMBA TC (524-634)	49895614	Monsanto	OWN	4/27/2016

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DATA MATRIX Date: October 05, 2020 EPA Reg. No./File Symbol: 264-RERN Applicant's/Registrant's Name & Address: XtendiMax With VaporGrip Technology (M1768 Herbicide)

Ingredient Dicamba Guideline Reference MRID Date **Guideline Study Name** Number Number Submitter Status Submitted 835.8100 Volatility - field (524-582) 49022501 Monsanto NWO 4/22/2013 835.8100 Volatility - field (524-582) 49888401 Monsanto OWN 4/12/2016 835.8100 Volatility - field (524-582) 49888403 Monsanto OWN 4/12/2016 835.8100 Volatility - field (524-617) 49888501 Monsanto OWN 4/12/2016 835.8100 Volatility - field (524-617) 49888503 Monsanto OWN 4/12/2016 Field Volatility of Spray Solutions Containing Tank mixed Diglycolamine Dicamba (MON 76980) and Potassium 835.8100 50578902 4/27/2018 Monsanto OWN Glyphosate (MON 79789) for Pre- and Post-emergent Treatments in 2016 Texas Field Trial (524-617)

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DATA MATRIX Date: October 05, 2020 EPA Reg. No./File Symbol: 264-RERN Applicant's/Registrant's Name & Address: XtendiMax With VaporGrip Technology (M1768 Herbicide)

Ingredient Dicamba Guideline Reference MRID Date Number **Guideline Study Name** Number Submitter Status Submitted Waiver Request for a Field Volatility Study with M1832 835.8100 50290409 Monsanto NWO 6/29/2017 Herbicide (524-AUT) Off-Target Movement of a Spray Solution Containing MON 835.8100 50642801 Monsanto OWN 8/14/2018 76980 + MON 79789 + Intact - Arizona Field Volatility of Spray Solutions Containing Dicamba for Post-Emergent Uses: MON 76980 (22 oz/A) + MON 79789 835.8100 50642802 Monsanto OWN 8/14/2018 (32 oz/A) + Intact (0.5% v/v) - Missouri Field Volatility of Spray Solutions Containing Dicamba for Post-Emergent Uses: MON 76980 (22 oz/A) + MON 79789 835.8100 50642803 Monsanto OWN 8/14/2018 (32 oz/A) + Intact (0.5% v/v) - Nebraska Field Volatility of Spray Solutions Containing Dicamba for Post-Emergent Uses: MON 76980 (22 oz/A) + MON 79789 835.8100 50717001 Monsanto OWN 10/31/2018 (32 oz/A) + Intact (0.5% v/v) - Missouri (524-617) Field Volatility of Spray Solutions Containing Dicamba for 835.8100 Post-Emergent Uses: MON 76980 (22 oz/A) + MON 79789 50717003 OWN 10/31/2018 Monsanto (32 oz/A) + Intact (0.5% v/v) - Minnesota (524-617)

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DATA MATRIX Date: October 05, 2020 EPA Reg. No./File Symbol: 264-RERN Product: XtendiMax With VaporGrip Technology (M1768 Herbicide) Ingredient Dicamba Guideline Reference MRID Date

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Date Submitted
835.8100	Field Volatility of Spray Solutions Containing Dicamba for Post-Emergent Uses: MON 76980 (22 oz/A) + MON 79789 (32 oz/A) + Intact (0.5% v/v) - Nebraska (524-617)	50717005	Monsanto	OWN	10/31/2018
835.8100	Field Volatility of Spray Solution Containing Dicamba for Post- emergent Uses: MON 76980 (22 oz/A) + MON 79789 (32 oz/A) + INTACT (0.5% v/v) - Illinois (524-617)	50835001	Monsanto	OWN	4/29/2019
835.8100	Field Volatility of Spray Solutions Containing Dicamba for Post-emergent Uses: MON 76980 (22 oz/A) + MON 79789 (32 oz/A) + INTACT (0.5% v/v) - North Dakota (524-617)	50835003	Monsanto	OWN	4/29/2019
835.8100	Field Volatility of Spray Solutions Containing Dicamba for Pre- emergent uses: MON 76980 (22 oz/A) and MON 79789 (35 oz/A) (524-617)	51133701	Monsanto	OWN	4/30/2020
835.8100	Field Volatility of Spray Solutions Containing Dicamba for Post-emergent uses: MON 76980 (22 oz/A) and MON 79789 (35 oz/A) (524-617)	51133702	Monsanto	OWN	4/30/2020
835.8100	Field Volatility of Spray Solutions Containing Dicamba (MON 76980, 119144) for Pre- and Post-emergent Treatments in 2017 Nebraska Field Trial (524-617)	51133703	Monsanto	OWN	4/30/2020

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DATA MATRIX Date: October 05, 2020 EPA Reg. No./File Symbol: 264-RERN Applicant's/Registrant's Name & Address: XtendiMax With VaporGrip Technology (M1768 Herbicide) Ingredient Dicamba Guideline Reference Number Guideline Study Name DATA MATRIX EPA Reg. No./File Symbol: 264-RERN Product: XtendiMax With VaporGrip Technology (M1768 Herbicide) MRID Number Submitter Status Date Submitted

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Date Submitted
835.8100	Field Volatility of Spray Solutions Containing Dicamba (MON 76980, MON 119151, and MON 76981) for Pre- and Post- emergent Treatments in 2017 Texas Field Trial (524-617)	51133704	Monsanto	OWN	4/30/2020
835.8100	Field Volatility of Spray Solutions Containing Dicamba for Post-emergent Uses: MON 76980 (22 oz/A) with different tank mix partners (524-617)	51134103	Monsanto	OWN	5/1/2020
835.SUPP	A Field-Scale Runoff Study to Determine Dicamba Herbicide Runoff Potential Under Furrow Irrigated Soybean Production Conditions (524-617)	51017508	Monsanto	OWN	1/15/2020
NA	Field Spray Drift Studies and AgDRIFT® (524-582)	49022404	Monsanto	OWN	3/12/2013
NA	Potential for Off-Site Movement - field (524-582)	48876001	Monsanto	OWN	7/17/2012
NA	Potential for Off-site Movement - DT Soybean (524-582)	48892302	Monsanto	OWN	8/7/2012

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Page 10 of 50 Agency Internal Use Copy

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DATA MATRIX EPA Reg. No./File Symbol: Date: October 05, 2020 264-RERN Product: XtendiMax With VaporGrip Applicant's/Registrant's Name & Address: Bayer CropScience LP, 801 Pennsylvania Ave, NW - Suite 745, Washington, D.C. 20004 Technology (M1768 Herbicide) Ingredient Dicamba Guideline Reference MRID Date Number Number **Guideline Study Name** Submitter Status Submitted Potential for Off-site Movement - DT Soybean & DGT Cotton NA 49292801 Monsanto NWO 3/18/2014 (524-582)NA Deposition Modeling for Dicamba Formulation #1 (524-582) 49925701 Monsanto OWN 5/27/2016 Downwind Air Concentration Estimates for Dicamba NA 49925702 Monsanto OWN 5/27/2016 Formulation #1 (524-582) Determination of Plant Response as a Function of Dicamba NA 49925703 Monsanto OWN 5/27/2016 Vapor Concentration in a Closed Dome System (524-582) Deposition Modeling for Dicamba Formulation #2 (MON NA 49925801 Monsanto OWN 5/27/2016 119096)

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Formulation #2 (MON 119096)

Downwind Air Concentration Estimates for Dicamba

5/27/2016

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Date: October 05, 2020 EPA Reg. No./File Symbol: 264-RERN Applicant's/Registrant's Name & Address: Bayer CropScience LP, 801 Pennsylvania Ave, NW – Suite 745, Washington, D.C. 20004 Ingredient Dicamba Guideline Reference Number Guideline Study Name Guideline Study Name Guideline Study Name Guideline Study Name EPA Reg. No./File Symbol: 264-RERN Product: XtendiMax With VaporGrip Technology (M1768 Herbicide) Date Submitter Status Submitted

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Date Submitted
NA	Deposition and Air Concentration Modeling for Dicamba Formulation MON 76980 Mixed with Formulation MON 79789 – 2018 Arizona (524-617)	50642804	Monsanto	OWN	8/14/2018
NA	Deposition and Air Concentration Modeling for Dicamba Formulation MON 76980 Mixed with MON 79789 and Intact – 2018 Missouri Field Trial (524-617)	50717002	Monsanto	OWN	10/31/2018
NA	Deposition and Air Concentration Modeling for Dicamba Formulation MON 76980 Mixed with MON 79789 and Intact – 2018 Minnesota Field Trial (524-617)	50717004	Monsanto	OWN	10/31/2018
NA	Deposition and Air Concentration Modeling for Dicamba Formulation MON 76980 Mixed with MON 79789 and Intact – 2018 Nebraska Field Trial (524-617)	50717006	Monsanto	OWN	10/31/2018
NA	Deposition and Air Concentration Modeling for Dicamba Formulation MON 76980 mixed with MON 79789 and Intact - 2018 Illinois Field Trial 1 (524-617)	50835002	Monsanto	OWN	4/29/2019
NA	Deposition and Air Concentration Modeling for Dicamba Formulation MON 76980 mixed with MON 79789 and Intact - 2018 North Dakota Field Trial (524-617)	50835004	Monsanto	OWN	4/29/2019

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DATA MATRIX Date: October 05, 2020 EPA Reg. No./File Symbol: 264-RERN Applicant's/Registrant's Name & Address: XtendiMax With VaporGrip Technology (M1768 Herbicide)

Ingredient Dicamba Guideline Reference MRID Date **Guideline Study Name** Number Number Submitter Status Submitted Deposition and Air Concentration Modeling for Dicamba NA 51133705 Monsanto NWO 4/30/2020 Formulation MON 76980 Mixed with AMS (524-617) Deposition and Air Concentration Modeling for Dicamba NA 51133706 Monsanto OWN 4/30/2020 Formulation MON 76980 Mixed with Makaze (524-617) Deposition and Air Concentration Modeling for Dicamba Formulation MON 76980 with Different Tank Mix Partners. NA 51134104 Monsanto OWN 5/1/2020 2018 Arizona Field Trial (524-617) Off-target Movement Assessment of a Spray Solution Containing MON 76980 + MON 79789 + Intact - Mississippi 835.8100, 840.1200 51017501 Monsanto OWN 1/15/2020 (524-617)Off-target Movement Assessment of a Spray Solution Containing MON 76980 + MON 79789 + Intact - Illinois (524-835.8100, 840.1200 51017502 Monsanto OWN 1/15/2020 617) Off-target Movement Assessment of a Spray Solution Containing MON 76980 + MON 79789 + Intact - Southeast 51017503 OWN 1/15/2020 835.8100, 840.1200 Monsanto Missouri (524-617)

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Page 13 of 50 Agency Internal Use Copy

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DATA MATRIX Date: October 05, 2020 EPA Reg. No./File Symbol: 264-RERN Applicant's/Registrant's Name & Address: XtendiMax With VaporGrip Technology (M1768 Herbicide)

Ingredient Dicamba	Ingredient Dicamba				
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Date Submitted
835.8100, 840.1200	Off-target Movement Assessment of a Spray Solution Containing MON 76980 + MON 79789 + MON 51817 + Intact TM – Illinois	51256101	Bayer	OWN	9/1/2020
840.1200	Spray Drift Field Deposition (524-617)	49770301	Monsanto	OWN	11/19/2015
840.1200	Waiver Request for a Spray Drift Deposition Study with M1832 (524-AUT)	50290408	Monsanto	OWN	6/29/2017
840.1200	Off-Target Movement of a Spray Solution Containing MON 76980 Mixed with MON 119151 (524-617)	51134105	Monsanto	OWN	5/1/2020
840.1200	Spray Drift Deposition of Solutions Containing Dicamba formulation MON 54140 Using Different Application Technologies	51242201	Bayer	OWN	8/27/2020
NA	AGDISP Modeling of Droplet Spectrum Data for Two Dicamba Herbicide Formulations (524-617)	49770302	Monsanto	OWN	11/19/2015

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Page 14 of 50 Agency Internal Use Copy

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DATA MATRIX Date: October 05, 2020 EPA Reg. No./File Symbol: 264-RERN Applicant's/Registrant's Name & Address: XtendiMax With VaporGrip Technology (M1768 Herbicide)

Ingredient Dicamba					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Date Submitted
NA	Determination of the Relative Volatility of Dicamba Herbicide Formulations (524-617)	49770303	Monsanto	OWN	11/19/2015
NA	Monsanto's Response to EFED Questions of January 30, 2015 (524-582)	49612701	Monsanto	OWN	4/13/2015
NA	Evaluation of Droplet Size Spectra of Herbicide Tank Mixes Containing M1768 Herbicide (524-617)	50103902	Monsanto	OWN	12/2/2016
NA	Evaluation of Drift Potential of Select Herbicide Tank Mixes Containing M1768 Herbicide (524-617)	50103903	Monsanto	OWN	12/2/2016
NA	Determination of a No Effect Crop Response as a Function of Dicamba Vapor Concentration in a Closed Dome System (524-617)	50578901	Monsanto	OWN	4/27/2018
NA	Deposition and Air Concentration Modeling for Dicamba Formulation MON 76980 Mixed with Formulation MON 79789 (524-617)	50578903	Monsanto	OWN	4/27/2018

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Page 15 of 50 Agency Internal Use Copy

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DATA MATRIX Date: October 05, 2020 EPA Reg. No./File Symbol: 264-RERN Applicant's/Registrant's Name & Address: Bayer CropScience LP, 801 Pennsylvania Ave, NW – Suite 745, Washington, D.C. 20004 Product: XtendiMax With VaporGrip Technology (M1768 Herbicide)

Ingredient Dicamba Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Date Submitted
NA	Off-Target Movement of a Spray Solution Containing MON 76980 Mixed with MON 79789 - Australia (524-617)	50606801	Monsanto	OWN	6/26/2018
NA	Deposition and Air Concentration Modeling for a Spray Solution Containing MON 76980 Mixed with Formulation MON 79789 - Australia (524-617)	50606802	Monsanto	OWN	6/26/2018
NA	Evaluation of Droplet Size Spectra for Various Tank Mixes in a Low Speed Wind Tunnel (524-617)	50580101	BASF, DuPont, Monsanto, Dow	Joint Ownership with BASF, DuPont, Dow	4/30/2018
NA	Evaluation of Droplet Size Spectra of Herbicide Tank Mixes Containing M1768 Herbicide (524-617)	50580102	BASF, DuPont, Monsanto, Dow	Joint Ownership with BASF, DuPont, Dow	4/30/2018
NA	The Scientific Basis for Understanding the Off-Target Movement Potential of Xtendimax (524-617)	50642701	Monsanto	OWN	8/3/2018

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Page 16 of 50 Agency Internal Use Copy

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DATA MATRIX Date: October 05, 2020 EPA Reg. No./File Symbol: 264-RERN Applicant's/Registrant's Name & Address: XtendiMax With VaporGrip Technology (M1768 Herbicide)

Ingredient Dicamba	Ingredient Dicamba					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Date Submitted	
NA	Executive Summary: The Scientific Basis for Understanding the Off-Target Movement Potential of Xtendimax (524-617)	50653201	Monsanto	OWN	8/14/2018	
NA	Further Discussion of Publicly Available Information on "Incident" Inquiries (524-617)	50673301	Monsanto	OWN	9/7/2018	
NA	Summary of Confirmatory Spray Drift and Volatility Studies for Xtendimax Applications (524-617)	50681101	Monsanto	OWN	9/19/2018	
NA	Preliminary Review of Spray Drift and Volatility Studies (524-617)	50686001	Monsanto	OWN	9/24/2018	
NA	Summary of Visual Symptomology Observations from 2018 Large-Scale Academic Assessments of Dicamba Off-Target Movement (524-617)	50702201	Monsanto	OWN	10/30/2018	
850.1100	AGDISP Modeling of Droplet Spectrum Data for M1832-TTI 11004 Nozzle (524-AUT)	50290411	Monsanto	OWN	6/29/2017	

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Page 17 of 50 Agency Internal Use Copy

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	DATA MATRIX				
Date: October 05, 2020	Date: October 05, 2020 EPA Ro 264-R				
Applicant's/Registrant's N Bayer CropScience LI	Name & Address: P, 801 Pennsylvania Ave, NW – Suite 745, Washington, D	.C. 20004		Product: XtendiMax With Technology (M1 Herbicide)	
Ingredient Dicamba					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Date Submitted
850.2200	Avian Dietary Toxicity Test (524-582)	49456001	Monsanto	o OWN	8/27/2014
850.2200	Protocol: Avian Dietary Toxicity Test (524-582)	49292803	Monsanto	o OWN	3/18/2014
850.4150	Waiver Request for Vegetative Vigor Study with M183: Herbicide (524-AUT)	50290410	Monsanto	o OWN	6/29/2017
850.4150	Effects to trees from foliar application of dicamba Clari formulation - Interim Report (524-617)	51017507	Monsanto	o OWN	1/15/2020
70-1-SS	The FIFRA Endangered Species Task Force Information Management System (IMS): Documentation of Structure Function of IMS 1.1		FIFRA Endangere Species Task Ford (FESTF)	OWN	9/13/2018
70-1-SS	The FIFRA Endangered Species Task Force Information Management System (IMS): Beta? Tested IMS 2.0 and Access to NatureServe Data 4648		FIFRA Endangere Species Task Ford	OVVN	9/13/2018
Signature		Name and Title		Date	
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Page 18 of 50 Agency Internal Use Copy

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DATA MATRIX Date: October 05, 2020 EPA Reg. No./File Symbol: 264-RERN Applicant's/Registrant's Name & Address: Bayer CropScience LP, 801 Pennsylvania Ave, NW – Suite 745, Washington, D.C. 20004 Ingredient Dicamba EPA Reg. No./File Symbol: 264-RERN Product: XtendiMax With VaporGrip Technology (M1768 Herbicide)

Ingredient Dicamba Guideline Reference		MRID			Date
Number	Guideline Study Name	Number	Submitter	Status	Submitted
			(FESTF)		
70-1-SS	NatureServe Data Evaluation and Review	47260101	FIFRA Endangered Species Task Force (FESTF)	OWN	9/13/2018
70-1-SS	NatureServe Dataset Licensed by FESTF - July 2012	48969501	FIFRA Endangered Species Task Force (FESTF)	OWN	9/13/2018
70-1-SS	Federally Listed Species Location Information Aggregated by FESTF	48969502	FIFRA Endangered Species Task Force (FESTF)	OWN	9/13/2018
70-1-SS	Data Available to Support Analysis of Designated Critical Habitat	48969503	FIFRA Endangered Species Task Force	OWN	9/13/2018

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Page 19 of 50 Agency Internal Use Copy

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DATA MATRIX EPA Reg. No./File Symbol: Date: October 05, 2020 264-RERN Product: XtendiMax With VaporGrip Applicant's/Registrant's Name & Address: Bayer CropScience LP, 801 Pennsylvania Ave, NW - Suite 745, Washington, D.C. 20004 Technology (M1768 Herbicide) Ingredient Dicamba Guideline Reference MRID Date Number **Guideline Study Name** Number Submitter Status Submitted (FESTF) FIFRA Endangered Coincidence of ESA-Listed Species with Federal Lands and 70-1-SS 48969504 Species OWN 9/13/2018 Proximity to Outer Boundary Task Force (FESTF) **FIFRA** Endangered Proximity of Species Occurrences and Designated Critical 70-1-SS 48969505 Species OWN 9/13/2018 Habitat to Land Cover Task Force (FESTF) FIFRA Endangered

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Species

Task Force (FESTF) FIFRA

Endangered

Species

Task Force

OWN

NWO

EPA Form 8570-35 (9-97) Electronic and Paper versions available. Submit only Paper version.

Task Force

Aggregated Species Attribute Data

Proximity Databases for Species Occurrences and Designated

Critical Habitat Developed by the FIFRA Endangered Species

9/13/2018

9/13/2018

Page 20 of 50 Agency Internal Use Copy

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DATA MATRIX Date: October 05, 2020 EPA Reg. No./File Symbol: 264-RERN Applicant's/Registrant's Name & Address: Bayer CropScience LP, 801 Pennsylvania Ave, NW – Suite 745, Washington, D.C. 20004 Product: XtendiMax With VaporGrip Technology (M1768 Herbicide)

Ingredient Dicamba Guideline Reference Number	Guideline Study Name	MRID Number	Submitter (FESTF)	Status	Date Submitted
70-1-SS	Species Maps Using FESTF Aggregated Species Location Data and EPA-Provided Action Area Data - Phase I	49575201	FIFRA Endangered Species Task Force (FESTF)	OWN	9/13/2018
70-1-SS	Data from NatureServe for Select Federally Listed Plants in Support of Dicamba	50678801	FIFRA Endangered Species Task Force (FESTF)	OWN	9/13/2018
70-1-SS	Use Limitation Area (ULA) Development Summary	50678802	FIFRA Endangered Species Task Force (FESTF)	OWN	9/13/2018
NA	Endangered Species Assessment - DT Soybean (524-582)	48644202	Monsanto	OWN	2/27/2012

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Page 21 of 50 Agency Internal Use Copy

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DATA MATRIX Date: October 05, 2020 EPA Reg. No./File Symbol: 264-RERN Applicant's/Registrant's Name & Address: XtendiMax With VaporGrip Technology (M1768 Herbicide)

Ingredient Dicamba Guideline Reference MRID Date **Guideline Study Name** Number Number Submitter Status Submitted NA Endangered Species Assessment - DT Soybean (524-582) 48644203 Monsanto NWO 2/27/2012 NA Endangered Species Assessment - DT Soybean (524-582) 48644204 Monsanto OWN 2/27/2012 NA Effects Soybean Plants - field low rates (524-582) 48892301 Monsanto NWO 8/7/2012 NA Endangered Species Assessment - DT Soybean (524-582) 48900401 Monsanto OWN 12/20/2012 12/20/2012 NA Endangered Species Assessment - DT Soybean (524-582) 48900402 Monsanto OWN NA 48900403 OWN 12/20/2012 Endangered Species Assessment - DT Soybean (524-582) Monsanto

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DATA MATRIX Date: October 05, 2020 Applicant's/Registrant's Name & Address: Bayer CropScience LP, 801 Pennsylvania Ave, NW – Suite 745, Washington, D.C. 20004 Product: XtendiMax With VaporGrip Technology (M1768 Herbicide)

Ingredient Dicamba					
Guideline Reference		MRID			Date
Number	Guideline Study Name	Number	Submitter	Status	Submitted
NA	Endangered Species Assessment - DT Soybean (524-582)	48900404	Monsanto	OWN	12/20/2012
NA	Endangered Species Assessment - DT Soybean (524-582)	49022301	Monsanto	OWN	1/25/2013
NA	Endangered Species Assessment - DT Soybean (524-582)	49022401	Monsanto	OWN	3/12/2013
NA	Endangered Species Assessment - DT Soybean (524-582)	49022402	Monsanto	OWN	3/12/2013
NA	Endangered Species Assessment - DT Soybean (524-582)	49022403	Monsanto	OWN	3/12/2013
NA	Endangered Species Assessment - DT Soybean (524-582)	49093201	Monsanto	OWN	4/4/2013

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Page 23 of 50 Agency Internal Use Copy

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DATA MATRIX Date: October 05, 2020 EPA Reg. No./File Symbol: 264-RERN Applicant's/Registrant's Name & Address: Bayer CropScience LP, 801 Pennsylvania Ave, NW – Suite 745, Washington, D.C. 20004 Product: XtendiMax With VaporGrip Technology (M1768 Herbicide)

Ingredient Dicamba					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Date Submitted
NA	Endangered Species Assessment - DT Soybean (524-582)	49093202	Monsanto	OWN	4/4/2013
NA	Amended report: Endangered Species Assessment - DT Soybean (524-582)	49117401	Monsanto	OWN	5/8/2013
NA	Endangered Species Assessment - DGT Cotton (524-582)	49221301	Monsanto	OWN	10/7/2013
NA	Endangered Species Assessment - DGT Cotton (524-582)	49221302	Monsanto	OWN	10/7/2013
NA	Endangered Species Assessment - DGT Cotton (524-582)	49221303	Monsanto	OWN	10/7/2013
NA	Endangered Species Assessment - DGT Cotton (524-582)	49221304	Monsanto	OWN	10/7/2013

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Page 24 of 50 Agency Internal Use Copy

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DATA MATRIX Date: October 05, 2020 EPA Reg. No./File Symbol: 264-RERN Product: XtendiMax With VaporGrip Applicant's/Registrant's Name & Address: Technology (M1768 Bayer CropScience LP, 801 Pennsylvania Ave, NW - Suite 745, Washington, D.C. 20004 Herbicide) Ingredient Dicamba Guideline Reference MRID Date Number **Guideline Study Name** Number Submitter Submitted Status

NA	Endangered Species Assessment - DGT Cotton (524-582)	49221305	Monsanto	OWN	10/7/2013
NA	Endangered Species Assessment - DGT Cotton (524-582)	49221306	Monsanto	OWN	10/7/2013
NA	Endangered Species Assessment - DGT Cotton (524-582)	49221307	Monsanto	OWN	10/7/2013
NA	Endangered Species Assessment - DT Soybean & DGT Cotton (524-582)	49292802	Monsanto	OWN	3/18/2014
NA	Endangered Species Assessment - DGT Cotton (524-582)	49339101	Monsanto	OWN	4/17/2014
NA	Endangered Species Assessment - DGT Cotton (524-582)	49339102	Monsanto	OWN	4/17/2014

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Page 25 of 50 Agency Internal Use Copy

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DATA MATRIX Date: October 05, 2020 EPA Reg. No./File Symbol: 264-RERN Applicant's/Registrant's Name & Address: XtendiMax With VaporGrip Technology (M1768 Herbicide)

Ingredient Dicamba					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Date Submitted
NA	Endangered Species Assessment - DT Soybean & DGT Cotton (524-582)	49360401	Monsanto	OWN	4/17/2014
NA	Endangered Species Assessment - DT Soybean (524-582)	49374701	Monsanto	OWN	5/10/2014
NA	Endangered Species Assessment - DT Soybean (524-582)	49374702	Monsanto	OWN	5/10/2014
NA	Endangered Species Assessment - DT Soybean (524-582)	49374703	Monsanto	OWN	5/10/2014
NA	Endangered Species Assessment - DT Soybean (524-582)	49374704	Monsanto	OWN	5/10/2014
NA	Endangered Species Assessment - DT Soybean & DGT Cotton (524-582)	49374801	Monsanto	OWN	7/3/2014

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Page 26 of 50 Agency Internal Use Copy

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DATA MATRIX Date: October 05, 2020 EPA Reg. No./File Symbol: 264-RERN Applicant's/Registrant's Name & Address: XtendiMax With VaporGrip Technology (M1768 Herbicide)

Ingredient Dicamba Guideline Reference MRID Date Number **Guideline Study Name** Number Submitter Status Submitted NA Endangered Species Assessment - Buffer (524-582) 49424601 Monsanto NWO 7/10/2014 Endangered Species Assessment - DT Soybean & DGT NA 49428001 Monsanto OWN 8/8/2014 Cotton (524-582) Endangered Species Assessment - DT Sovbean & DGT NA 49457501 Monsanto NWO 12/15/2014 Cotton (524-582) Endangered Species Assessment - DT Soybean & DGT NA 49457502 Monsanto OWN 12/15/2014 Cotton (524-582) Endangered Species Assessment - DT Soybean & DGT NA 49457503 Monsanto OWN 12/15/2014 Cotton (524-582) Endangered Species Assessment - DT Soybean & DGT NA 49457504 OWN 12/15/2014 Monsanto Cotton (524-582)

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Short Cl	Steven T. Callen	10/05/2020
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Page 27 of 50 Agency Internal Use Copy

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DATA MATRIX Date: October 05, 2020 EPA Reg. No./File Symbol: 264-RERN Applicant's/Registrant's Name & Address: Bayer CropScience LP, 801 Pennsylvania Ave, NW – Suite 745, Washington, D.C. 20004 Product: XtendiMax With VaporGrip Technology (M1768 Herbicide)

Ingredient Dicamba					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Date Submitted
NA	Endangered Species Assessment for Dicamba Use on Dicamba-Tolerant Corn (524-617)	50268102	Monsanto	OWN	1/25/2018
NA	Review of Applicability of Data Considered for Endangered Species Action Area Determination (524-617)	50679201	Monsanto	OWN	9/14/2018
NA	AGDISP Modeling of Low-Speed Wind Tunnel Droplet Size Spectrum Data for Tank Mixes with XtendiMAX with VaporGrip Technology, Engenia Herbicide, and Enlist Duo (524-617)	50388301	Joint Ownership with BASF/Dow	OWN	9/11/2017
860.1000, 860.1500	Residues in Berries Group 13 (524-622)	49634101	BASF	Joint Ownership with BASF	7/10/2015
860.1000, 860.1500	Residues in Grape (524-622)	49634102	BASF	Joint Ownership with BASF	7/10/2015
860.1000, 860.1500	Residues in Vegetables, Cucurbit, Group 9 (524-622)	49634104	BASF	Joint Ownership with BASF	7/10/2015

Signature	Name and Title	Date
State	Steven T. Callen Federal Regulatory Manager	10/05/2020

Page 28 of 50 Agency Internal Use Copy

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DATA MATRIX Date: October 05, 2020 EPA Reg. No./File Symbol: 264-RERN Product: XtendiMax With VaporGrip Technology (M1768 Herbicide)

Ingredient Dicamba					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Date Submitted
860.1000, 860.1500	Residues in Vegetables, Fruiting, Group 8 (524-622)	49634105	BASF	Joint Ownership with BASF	7/10/2015
860.1000, 860.1500	Residues in Vegetable, Leafy, except Brassica, Group 4 (524-622)	49634106	BASF	Joint Ownership with BASF	7/10/2015
860.1000, 860.1500	Residues in Vegetable, Root and Bulb Processed Fraction (524-622)	49634107	BASF	Joint Ownership with BASF	7/10/2015
860.1000, 860.1500	Residues in Peanut (524-622)	49634108	BASF	Joint Ownership with BASF	7/10/2015
860.1000, 860.1500	Residues in Vegetable, Legume, Group 6 (524-622)	49634109	BASF	Joint Ownership with BASF	7/10/2015
860.1000, 860.1500	Residues in Vegetable, Brassica, head and stem, subgroup 5A (524-622)	49634110	BASF	Joint Ownership with BASF	7/10/2015

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Page 29 of 50 Agency Internal Use Copy

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DATA MATRIX Date: October 05, 2020 EPA Reg. No./File Symbol: 264-RERN Product: XtendiMax With VaporGrip Technology (M1768 Herbicide)

Ingredient Dicamba					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Date Submitted
860.1000, 860.1500	Residues in Nut, Tree, group 14 (524-622)	49634111	BASF	Joint Ownership with BASF	7/10/2015
860.1000, 860.1500, 860.1520	Residues in Grape Process Fraction (524-622)	49634103	BASF	Joint Ownership with BASF	7/10/2015
860.1000, 860.1500, 860.1520	Residues in Tomato Processed Fraction (524-622)	49634112	BASF	Joint Ownership with BASF	7/10/2015
860.1000, 860.1500, 860.1520	Residues in Vegetable, Root and Tuber, subgroups 1A, 1B, 1C (524-622)	49634113	BASF	Joint Ownership with BASF	7/10/2015
860.1300	Soybean Metabolism (524-582)	47899523	Monsanto	OWN	4/21/2010
860.1300	Metabolism of Dicamba in Dicamba-Tolerant Cotton (524-582)	48728701	Monsanto	OWN	7/26/2012

Signature	Name and Title	Date
Sfunt: Cl	Steven T. Callen Federal Regulatory Manager	10/05/2020

Page 30 of 50 Agency Internal Use Copy

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DATA MATRIX Date: October 05, 2020 EPA Reg. No./File Symbol: 264-RERN Applicant's/Registrant's Name & Address: XtendiMax With VaporGrip Technology (M1768 Herbicide)

Ingredient Dicamba Guideline Reference MRID Date **Guideline Study Name** Number Number Submitter Status Submitted 860.1300 Corn Metabolism (524-617) 50268103 Monsanto NWO 1/25/2018 860.1340 Residue Analytical Method (524-582) 47899523 Monsanto OWN 4/21/2010 860.1340 Analytical Method in Cotton Matrices by LC/MS/MS (524-582) 48728702 Monsanto NWO 7/26/2012 Residue Soybean RAC (524-582) 860.1340 47899501 Monsanto OWN 4/21/2010 860.1340 Analytical Method in Corn Matrices by LC/MS/MS (524-617) 50268105 Monsanto OWN 1/25/2018 **Joint** Freezer Storage Stability of Dicamba and its Metabolites (5-860.1340, 860.1380 49836501 **BASF** Ownership OH-dicamba and DCSA) in Plant Matrices with BASF

Signature	Name and Title	Date
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Page 31 of 50 Agency Internal Use Copy

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DATA MATRIX Date: October 05, 2020 EPA Reg. No./File Symbol: 264-RERN Applicant's/Registrant's Name & Address: XtendiMax With VaporGrip Technology (M1768 Herbicide)

Ingredient Dicamba Guideline Reference MRID Date **Guideline Study Name** Number Number Submitter Status Submitted 860.1500 Amended Report Residue Soybean RAC (524-582) 48219901 Monsanto NWO 10/20/2010 860.1500 Residue Sovbean RAC (524-582) 47899524 Monsanto OWN 4/21/2010 860.1500 Residues in Cotton RAC (524-582) 48728703 Monsanto NWO 7/26/2012 860.1500, 860.1520 Residues in Corn RAC (524-617) 50268104 Monsanto OWN 1/25/2018 860.1520 Residue Soybean RAC (524-582) 47899524 Monsanto OWN 4/21/2010 860.1520 Amended Report Residue Soybean RAC (524-582) 48219901 OWN 10/20/2010 Monsanto

Signature	Name and Title	Date
Short-Cl	Steven T. Callen Federal Regulatory Manager	10/05/2020

Page 32 of 50 Agency Internal Use Copy

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Date: October 05, 2020 Product: Applicant's/Registrant's Name & Address: Bayer CropScience LP, 801 Pennsylvania Ave, NW – Suite 745, Washington, D.C. 20004 Product: XtendiMax With VaporGrip Technology (M1768 Herbicide)

Ingredient Dicamba Guideline Reference MRID Date **Guideline Study Name** Number Number Submitter Status Submitted 860.1520 Residues in Cotton RAC (524-582) 48728703 Monsanto NWO 7/26/2012 860.1530 Stability of Dicamba Residues in DT Cotton (524-582) 48728704 Monsanto OWN 7/26/2012 NA Residue Decline in Forage (524-582) 48644205 Monsanto NWO 2/27/2012 Summary of Metabolism, Residue and Dietary Risk NA 47899530 Monsanto OWN 4/21/2010 Assessment MON 87708 (524-582) Amended Report: Summary of Metabolism, Residue and NA 48358004 Monsanto OWN 2/24/2011 Dietary Risk Assessment MON 87708 (524-582) 870.1100 47899504 OWN 4/21/2010 Acute Oral Rat DCSA MON 52708 (524-582) Monsanto

Signature	Name and Title	Date
Sfunt: Cl	Steven T. Callen Federal Regulatory Manager	10/05/2020

Page 33 of 50 Agency Internal Use Copy

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DATA MATRIX Date: October 05, 2020 EPA Reg. No./File Symbol: 264-RERN Applicant's/Registrant's Name & Address: Bayer CropScience LP, 801 Pennsylvania Ave, NW – Suite 745, Washington, D.C. 20004 Product: XtendiMax With VaporGrip Technology (M1768 Herbicide)

Ingredient Dicamba					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Date Submitted
870.1100	Acute Oral Rat DCGA MON 52724 (524-582)	47899505	Monsanto	OWN	4/21/2010
870.1100	Acute Oral Rat MON 119096 - Limit Test (524-617)	49195402	Monsanto	OWN	9/3/2013
870.1100	MON 119144: Acute Oral Toxicity Up and Down Procedure in Rats – Limit Test (524-AUT)	50290402	Monsanto	OWN	6/29/2017
870.1100	MON 100306: Acute Oral Toxicity Up and Down Procedure in Rats (524-AUO)	50290602	Monsanto	OWN	6/29/2017
870.1200	Acute Dermal Rat MON 119096 - Limit Test (524-617)	49195403	Monsanto	OWN	9/3/2013
870.1200	MON 119144: Acute Dermal Toxicity Study in Rats – Limit Test (524-AUT)	50290403	Monsanto	OWN	6/29/2017

Signature	Name and Title	Date
Short-Cl	Steven T. Callen Federal Regulatory Manager	10/05/2020

Page 34 of 50 Agency Internal Use Copy

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DATA MATRIX Date: October 05, 2020 EPA Reg. No./File Symbol: 264-RERN Product: XtendiMax With VaporGrip Technology (M1768 Herbicide)

Ingredient Dicamba					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Date Submitted
870.1200	MON 100306: Acute Dermal Toxicity Study in Rats – Limit Test (524-AUO)	50290603	Monsanto	OWN	6/29/2017
870.1300	Acute Inhalation Rat MON 119096 - Limit Test (524-617)	49195404	Monsanto	OWN	9/3/2013
870.1300	MON 119144: Acute Inhalation Toxicity Study in Rats – Limit Test (524-AUT)	50290404	Monsanto	OWN	6/29/2017
870.1300	MON 100306: Acute Inhalation Toxicity Study in Rats – Limit Test (524-AUO)	50290604	Monsanto	OWN	6/29/2017
870.2400	Eye Irritation Rabbit MON 119096 (524-617)	49195405	Monsanto	OWN	9/3/2013
870.2400	MON 119144: Primary Eye Irritation Study in Rabbits (524-AUT)	50290405	Monsanto	OWN	6/29/2017

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	Signature	Name and Title	Date
	Sfunt. Cl	Steven T. Callen Federal Regulatory Manager	10/05/2020

Page 35 of 50 Agency Internal Use Copy

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DATA MATRIX Date: October 05, 2020 EPA Reg. No./File Symbol: 264-RERN Applicant's/Registrant's Name & Address: XtendiMax With VaporGrip Technology (M1768 Herbicide)

Ingredient Dicamba Guideline Reference MRID Date Number Number **Guideline Study Name** Submitter Status Submitted MON 100306: Primary Eye Irritation Study in Rabbits (524-870.2400 50290605 Monsanto NWO 6/29/2017 AUO) 870.2500 Skin Irritation Rabbit MON 119096 (524-617) 49195406 Monsanto OWN 9/3/2013 MON 119144: Primary Skin Irritation Study in Rabbits (524-870.2500 50290406 Monsanto NWO 6/29/2017 AUT) MON 100306: Primary Skin Irritation Study in Rabbits (524-870.2500 50290606 Monsanto OWN 6/29/2017 AUO) 870.2600 Dermal Sensitization Guinea Pig MON 119096 (524-617) 49195407 Monsanto OWN 9/3/2013 MON119144: Dermal Sensitization Test in Guinea Pigs -870.2600 50290407 OWN 6/29/2017 Monsanto Buehler Method (524-AUT)

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	Sfunt. Cl	Steven T. Callen Federal Regulatory Manager	10/05/2020

Page 36 of 50 Agency Internal Use Copy

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DATA MATRIX Date: October 05, 2020 EPA Reg. No./File Symbol: 264-RERN Product: XtendiMax With VaporGrip Technology (M1768 Herbicide)

Ingredient Dicamba					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Date Submitted
870.2600	MON 100306: Dermal Sensitization Test in Guinea Pigs - Buehler Method (524-AUO)	50290607	Monsanto	OWN	6/29/2017
870.3050	28 Day Oral Rat DCGA MON 52724 (524-582)	47899506	Monsanto	OWN	4/21/2010
870.3100	90 Day Oral Rat MON 11900 (524-582)	47899529	Monsanto	OWN	4/21/2010
870.3100	Amended Report: 90-Day Oral Rat MON 11900 (524-582)	48358001	Monsanto	OWN	2/24/2011
870.3150	90 Day Oral Dog DCSA MON 52708 (524-582)	47899508	Monsanto	OWN	4/21/2010
870.3150	Amended Report: 90-Day Oral Dog DCSA MON 52708 (524-582)	48358002	Monsanto	OWN	2/24/2011

Signature	Name and Title	Date
Short-Cl	Steven T. Callen Federal Regulatory Manager	10/05/2020

Page 37 of 50 Agency Internal Use Copy

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DATA MATRIX Date: October 05, 2020 Applicant's/Registrant's Name & Address: Bayer CropScience LP, 801 Pennsylvania Ave, NW – Suite 745, Washington, D.C. 20004 Applicant's A Picture 1 Picture 1 Pennsylvania Ave, NW – Suite 745, Washington, D.C. 20004 Herbicide)

Ingredient Dicamba					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Date Submitted
870.3700	Developmental Toxicity Rabbit MON 52708 DCSA (524-582)	47899522	Monsanto	OWN	4/21/2010
870.3700	Pilot Devtox Rabbit MON 52708 DCSA (524-582)	47899521	Monsanto	OWN	4/21/2010
870.3700	Developmental Toxicity Rat MON 52724 DCGA (524-582)	47899520	Monsanto	OWN	4/21/2010
870.3700	Pilot Devtox Rat DCSA MON 52708 (524-582)	47899518	Monsanto	OWN	4/21/2010
870.3700	Developmental Toxicity Rat DCSA MON 52708 (524-582)	47899519	Monsanto	OWN	4/21/2010
870.3800	Reproduction, 2-Generation Rat DCSA MON 52708 (524-582)	47899517	Monsanto	OWN	4/21/2010

Signature	Name and Title	Date
Shutch	Steven T. Callen Federal Regulatory Manager	10/05/2020

Page 38 of 50 Agency Internal Use Copy

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DATA MATRIX Date: October 05, 2020 EPA Reg. No./File Symbol: 264-RERN Applicant's/Registrant's Name & Address: Bayer CropScience LP, 801 Pennsylvania Ave, NW – Suite 745, Washington, D.C. 20004 Product: XtendiMax With VaporGrip Technology (M1768 Herbicide)

Ingredient Dicamba					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Date Submitted
870.4100	Chronic Toxicity Rat DCSA MON 52708 (524-582)	47899516	Monsanto	OWN	4/21/2010
870.4300	24-Month Oral Combined Chronic/Carcinogenicity Rat DCSA MON 52708 (524-582)	48358003	Monsanto	OWN	2/24/2011
870.5100	in vivo Mouse Micronucleus DCSA MON 52708 (524-582)	47899511	Monsanto	OWN	4/21/2010
870.5100	AMES Assay DCSA MON 52708 (524-582)	47899509	Monsanto	OWN	4/21/2010
870.5100	AMES Assay DCGA MON 52724 (524-582)	47899514	Monsanto	OWN	4/21/2010
870.5100	AMES Assay MON 11900 (524-582)	47899525	Monsanto	OWN	4/21/2010

Signature	Name and Title	Date
Shortice	Steven T. Callen Federal Regulatory Manager	10/05/2020

Page 39 of 50 Agency Internal Use Copy

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DATA MATRIX Date: October 05, 2020 EPA Reg. No./File Symbol: 264-RERN Applicant's/Registrant's Name & Address: XtendiMax With VaporGrip Technology (M1768 Herbicide)

Ingredient Dicamba Guideline Reference MRID Date Number **Guideline Study Name** Number Submitter Status Submitted 870.5300 CHO HGPRT DCSA MON 52708 (524-582) 47899512 Monsanto NWO 4/21/2010 870.5300 CHO HGPRT MON 11900 (524-582) 47899526 Monsanto OWN 4/21/2010 870.5375 in vitro Chrom Aberration DCSA MON 52708 (524-582) 47899510 Monsanto NWO 4/21/2010 870.5375 in vitro Chrom Aberration MON 11900 (524-582) 47899527 Monsanto OWN 4/21/2010 870.5385 in vivo Chrom Aberration DCSA MON 52708 (524-582) 47899513 Monsanto OWN 4/21/2010 870.5385 in vivo Chrom Aberration DCGA MON 52724 (524-582) 47899515 OWN 4/21/2010 Monsanto

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Shutch	Steven T. Callen Federal Regulatory Manager	10/05/2020

Page 40 of 50 Agency Internal Use Copy

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DATA MATRIX Date: October 05, 2020 EPA Reg. No./File Symbol: 264-RERN Applicant's/Registrant's Name & Address: Bayer CropScience LP, 801 Pennsylvania Ave, NW – Suite 745, Washington, D.C. 20004 Product: XtendiMax With VaporGrip Technology (M1768 Herbicide)

Ingredient Dicamba Guideline Reference MRID Date **Guideline Study Name** Number Number Submitter Status Submitted 870.5395 in vivo Mouse Micronucleus MON 11900 (524-582) 47899528 Monsanto NWO 4/21/2010 870.6200 90 Day Oral Rat MON 11900 (524-582) 47899529 Monsanto OWN 4/21/2010 870.6200 Amended Report: 90-Day Oral Rat MON 11900 (524-582) 48358001 Monsanto NWO 2/24/2011 870.7485 Metabolism - Rat DCSA MON 52708 (524-582) 47899502 Monsanto OWN 4/21/2010 870.7485 PK Rat DCSA MON 52708 (524-582) 47899503 Monsanto OWN 4/21/2010 NA 48728705 OWN 7/26/2012 Dietary Risk Assessment (524-582) Monsanto

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Page 41 of 50 Agency Internal Use Copy

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DATA MATRIX Date: October 05, 2020 EPA Reg. No./File Symbol: 264-RERN Applicant's/Registrant's Name & Address: Sayer CropScience LP, 801 Pennsylvania Ave, NW – Suite 745, Washington, D.C. 20004 Product: XtendiMax With VaporGrip Technology (M1768 Herbicide)

Ingredient Dicamba					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Date Submitted
NA	Efficacy Report - DT Soybean (524-582)	47899531	Monsanto	OWN	4/21/2010
NA	Reduced Risk Rationale - DT Soybean (524-582)	48081301	Monsanto	OWN	4/21/2010
NA	Reduced Risk Rationale - DGT Cotton (524-582)	48728706	Monsanto	OWN	7/26/2012
NA	Summary and Evaluation of Patent Database Search for Dicamba (524-617)	50103901	Monsanto	OWN	12/2/2016
NA	Environmental Fate, Ecological Risk and Human Risk Assessments: Existing Assessments of Dicamba Acid and Salts Support Dicamba Ethanolamine Formulation (524-AUT)	50290413	Monsanto	OWN	6/29/2017
NA	Conditions of Registration for M1768 Herbicide: 2018 Report of the 2017 Season (524-617)	50493201	Monsanto	OWN	1/12/2018

Signature	Name and Title	Date
Short Cl	Steven T. Callen	10/05/2020
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Page 42 of 50 Agency Internal Use Copy

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DATA MATRIX Date: October 05, 2020 EPA Reg. No./File Symbol: 264-RERN Applicant's/Registrant's Name & Address: XtendiMax With VaporGrip Technology (M1768 Herbicide)

Ingredient Dicamba	Ingredient Dicamba					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Date Submitted	
NA	Benefits Document for Amended Dicamba Use in Corn with XtendFlex (524-617)	50268101	Monsanto	OWN	1/25/2018	
NA	2017 Soybean and Cotton Yields: Nationwide and in Particular States (524-617)	50639401	Monsanto	OWN	7/26/2018	
NA	Benefits and Public Interest Findings for Registration of Dicamba Formulations for Use On Dicamba and Glyphosate Tolerant Crops (524-617)	50701001	Monsanto	OWN	10/12/2018	
NA	Conditions of Registration for M1768 Herbicide: 2019 Report of the 2018 Season (524-617)	50758801	Monsanto	OWN	1/15/2019	
NA	Potential Effects of Clarity + Roundup PowerMax on Soybean Plants when Applied at Low Application Rates in the Field in Mississippi (524-617)	51017504	Monsanto	OWN	1/15/2020	
NA	Potential Effects of Clarity + Roundup PowerMax on Soybean Plants when Applied at Low Application Rates in the Field in Illinois (524-617)	51017505	Monsanto	OWN	1/15/2020	

Signature	Name and Title	Date
Short Cl	Steven T. Callen	10/05/2020
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Page 43 of 50 Agency Internal Use Copy

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DATA MATRIX EPA Reg. No./File Symbol: Date: October 05, 2020 264-RERN Product: XtendiMax With VaporGrip Applicant's/Registrant's Name & Address: Bayer CropScience LP, 801 Pennsylvania Ave, NW - Suite 745, Washington, D.C. 20004 Technology (M1768 Herbicide) Ingredient Dicamba Guideline Reference MRID Date **Guideline Study Name** Number Number Submitter Status Submitted Potential Effects of Clarity + Roundup PowerMax on Soybean NA Plants when Applied at Low Application Rates in the Field in 51017506 Monsanto NWO 1/15/2020 Missouri (524-617) Determination of the Relative Dicamba Volatility of MON 76980 Under Various Environmental Conditions in Closed NA 51017509 Monsanto OWN 1/15/2020 Dome Systems (524-617) Summary of pH Data from the Water Quality Portal (WQP) NA 51017510 Monsanto OWN 1/15/2020 Database in 34 States (524-617) Evaluation of Existing Tank Mix pH and Volatility Potential (as NA 51017511 Monsanto OWN 1/15/2020 Measured in a Closed Dome) Data (524-617) Conditions of Registration for M1768 Herbicide: 2020 Report NA 51017512 Monsanto OWN 1/15/2020 of the 2019 Season (524-617)

Signature	Name and Title	Date
Statich	Steven T. Callen Federal Regulatory Manager	10/05/2020

51068201

Monsanto

OWN

Supplemental Information: Data files for studies conducted

to meet terms and conditions of M1768 Herbicide registration

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Page 44 of 50 Agency Internal Use Copy

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DATA MATRIX Date: October 05, 2020 EPA Reg. No./File Symbol: 264-RERN Product: XtendiMax With VaporGrip Technology (M1768 Herbicide) Ingredient Dicamba Guideline Reference MRID

Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Date Submitted
NA	Effects to trees from foliar application of dicamba Clarity® formulation – Final Report	51068202	Monsanto	OWN	2/21/2020
NA	Summary of studies conducted or supported by Monsanto to support re-registration of M1768 (EPA Reg. No. 524-617)	51038601	Monsanto	OWN	3/2/2020
NA	Supplemental Information: Additional data files for studies conducted to meet terms and conditions of M1768 Herbicide registration	51091001	Monsanto	OWN	3/20/2020
NA	Bayer Response to Question on Humidome Study (MRID 51017509) for Terms and Conditions of M1768 Herbicide Registration	51097701	Monsanto	OWN	3/27/2020
NA	Supplemental Information: Additional meteorological data files for studies conducted to meet terms and conditions of M1768 Herbicide registration	51111801	Monsanto	OWN	4/3/2020
NA	Off-target movement assessment of a spray solution containing MON 76980 + MON 79789 + Intact + MON 51817 - Illinois (524-617)	51111901	Monsanto	OWN	4/6/2020

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Ant Ch	Steven T. Callen	10/05/2020
		10/03/2020
<i>\$</i>	Federal Regulatory Manager	

Page 45 of 50 Agency Internal Use Copy

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DATA MATRIX EPA Reg. No./File Symbol: Date: October 05, 2020 264-RERN Product: XtendiMax With VaporGrip Applicant's/Registrant's Name & Address: Bayer CropScience LP, 801 Pennsylvania Ave, NW - Suite 745, Washington, D.C. 20004 Technology (M1768 Herbicide) Ingredient Dicamba Guideline Reference MRID Date Number **Guideline Study Name** Number Submitter Status Submitted Summary of Studies Conducted with MON 51817 in NA XtendiMax with VaporGrip Technology Tank Mixtures (524-51134101 Monsanto NWO 5/1/2020 617) Bibliography of MON 51817 Spray Drift and Volatility Data NA 51134102 Monsanto OWN 5/1/2020 (524-617) Summary of Submissions: Support for Registration of NA 51208201 Bayer OWN 7/23/2020 XtendiMax® NA Reference List of Nineteen VaporGrip Xtra® Volatility Studies 51226701 Bayer NWO 8/7/2020 Summary of the Relative Volatility of Dicamba Tank Mixes NA 51226801 Bayer OWN 8/11/2020 With and Without MON 51817 in the Humidome pH of Dicamba Tank Mixes Tested With and Without MON NA 51256201 Bayer OWN 9/1/2020 51817 in the Humidome

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Page 46 of 50 Agency Internal Use Copy

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DATA MATRIX Date: October 05, 2020 Applicant's/Registrant's Name & Address: Bayer CropScience LP, 801 Pennsylvania Ave, NW – Suite 745, Washington, D.C. 20004 Ingredient Dicamba Dicamba EPA Reg. No./File Symbol: 264-RERN Product: XtendiMax With VaporGrip Technology (M1768 Herbicide)

Ingredient Dicamba					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Date Submitted
NA	Evaluation of Relative Volatility of XtendiMax® With VaporGrip® Technology Tank Mixes – Standard Testing – May 2020, Week 3	51242202	Bayer	OWN	8/27/2020
NA	Evaluation of Relative Volatility of XtendiMax® With VaporGrip® Technology Tank Mixes – Standard Testing – June 2020, Week 2	51242203	Bayer	OWN	8/27/2020
NA	Evaluation of Relative Volatility of XtendiMax® With VaporGrip® Technology Tank Mixes – Standard Testing – June 2020, Week 3	51242204	Bayer	OWN	8/27/2020
NA	Evaluation of Relative Volatility of XtendiMax® With VaporGrip® Technology Tank Mixes – Standard Testing – June 2020, Week 4	51242205	Bayer	OWN	8/27/2020
NA	Evaluation of Relative Volatility of XtendiMax® With VaporGrip® Technology Tank Mixes – Standard Testing – July 2020, Week 5	51242206	Bayer	OWN	8/27/2020
NA	Summary of Scientific Data on Broadcast Hooded Sprayer Performance	51299701	Bayer	OWN	10/1/2020

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Signature	Name and Title	Date
1 - 17 - 1 - C -	Steven T. Callen	10/05/2020
	Federal Regulatory Manager	

Page 47 of 50 Agency Internal Use Copy

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Date: October 05, 2020 Product: Applicant's/Registrant's Name & Address: Bayer CropScience LP, 801 Pennsylvania Ave, NW – Suite 745, Washington, D.C. 20004 Product: XtendiMax With VaporGrip Technology (M1768 Herbicide)

Ingredient Dicamba Guideline Reference MRID Date Number **Guideline Study Name** Number Submitted Submitter Status This NA Relating Visual Symptomology to Plant Height and Yield 51299801 Bayer NWO submission March 2019 Report - Inquiries of Potential Damage to Non-NA 50793901 Monsanto OWN 3/1/2019 **Target Vegetation** April 2019 Report - Inquiries of Potential Damage to Non-NA 50824301 Monsanto OWN 4/1/2019 **Target Vegetation** May 2019 Report – Inquiries of Potential Damage to Non-NA 50842901 Monsanto **OWN** 4/30/2019 **Target Vegetation** May 2019 Report - Inquiries of Potential Damage to Non-50868101 NA Monsanto OWN 5/31/2019 **Target Vegetation** June 2019 Report – Inquiries of Potential Damage to Non-NA 50887701 Monsanto OWN 6/28/2019 **Target Vegetation**

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Page 48 of 50 Agency Internal Use Copy

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DATA MATRIX Date: October 05, 2020 EPA Reg. No./File Symbol: 264-RERN Applicant's/Registrant's Name & Address: XtendiMax With VaporGrip Technology (M1768 Herbicide)

Ingredient Dicamba					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Date Submitted
NA	July 2019 Report – Inquiries of Potential Damage to Non- Target Vegetation	50895301	Monsanto	OWN	7/31/2019
NA	August 2019 Report – Inquiries of Potential Damage to Non- Target Vegetation	50933001	Monsanto	OWN	8/29/2019
NA	September 2019 Report – Inquiries of Potential Damage to Non-Target Vegetation	50956001	Monsanto	OWN	10/1/2019
NA	October 2019 Report – Inquiries of Potential Damage to Non- Target Vegetation	50978801	Monsanto	OWN	11/1/2019
NA	November 2019 Report – Inquiries of Potential Damage to Non-Target Vegetation	51011201	Monsanto	OWN	11/25/2019
NA	December 2019 Report – Inquiries of Potential Damage to Non-Target Vegetation	51024701	Monsanto	OWN	12/19/2019

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Signature	Name and Title	Date
1 - 17 - 1 - C -	Steven T. Callen	10/05/2020
	Federal Regulatory Manager	

Page 49 of 50 Agency Internal Use Copy

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DATA MATRIX Date: October 05, 2020 EPA Reg. No./File Symbol: 264-RERN Applicant's/Registrant's Name & Address: XtendiMax With VaporGrip Technology (M1768 Herbicide)

Ingredient Dicamba					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Date Submitted
NA	December 31, 2019 Report – Inquiries of Potential Damage to Non-Target Vegetation	51051501	Monsanto	OWN	2/2/2020
NA	January 2020 Report – Inquiries of Potential Damage to Non- Target Vegetation	51051502	Monsanto	OWN	2/2/2020
NA	February 2020 Report – Inquiries of Potential Damage to Non- Target Vegetation	51068301	Monsanto	OWN	2/28/2020
NA	March 2020 Report – Inquiries of Potential Damage to Non- Target Vegetation	51097601	Monsanto	OWN	3/31/2020
NA	April 2020 Report – Inquiries of Potential Damage to Non- Target Vegetation	51133601	Monsanto	OWN	4/28/2020
NA	May 2020 Report – Inquiries of Potential Damage to Non- Target Vegetation	51168301	Monsanto	OWN	5/27/2020

Signature	Name and Title	Date
Short Cl	Steven T. Callen	10/05/2020
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DATA MATRIX Date: October 05, 2020 EPA Reg. No./File Symbol: 264-RERN Applicant's/Registrant's Name & Address: XtendiMax With VaporGrip Technology (M1768 Herbicide)

Ingredient Dicamba					
Guideline Reference Number	Guideline Study Name	MRID Number	Submitter	Status	Date Submitted
NA	June 2020 Report – Inquiries of Potential Damage to Non- Target Vegetation	51195501	Monsanto	OWN	6/30/2020
N/A	July 2020 Report – Inquiries of Potential Damage to Non- Target Vegetation	51220101	Bayer	OWN	7/30/2020
N/A	August 2020 Report – Inquiries of Potential Damage to Non- Target Vegetation	51259601	Bayer	OWN	9/8/2020

Signature	Name and Title	Date
Ant Cl	Steven T. Callen	10/05/2020
	Federal Regulatory Manager	10,00,2020